

MINUTES OF THE  
MARICOPA ASSOCIATION OF GOVERNMENTS  
WATER QUALITY ADVISORY COMMITTEE MEETING

Tuesday, November 10, 1998  
MAG Office Building  
Phoenix, Arizona

MEMBERS ATTENDING

James Kaylor, City of Glendale, Chairman  
\*Esmie Azila, City of Avondale  
Jacqueline Strong, City of Chandler  
Leonard Rivera, City of El Mirage  
\*Lonnie Frost, Town of Gilbert  
Bill Haney, City of Mesa  
\*Kevin Kadlec, City of Peoria  
Bob Hollander, City of Phoenix  
\*Jim Nelson, City of Scottsdale  
\*Barbara Olivieri, City of Tempe  
\*John Boyer, Arizona Public Service  
Steve Hildreth, Arizona State Land  
Department

Michael Maurer, University of Arizona  
Cooperative Extension  
Dale Bodiya for John Power, Maricopa County  
Department of Environmental Services  
Ajay Shah, Motorola  
\*Mark Courtney, Phoenix Chamber of  
Commerce  
Ray Hedrick, Salt River Project  
\*Gene Cetwinski, Valley Forward  
Association  
Eugene T. Jensen, Citizen Representative  
\*Laura Watson, Citizen Representative  
\*Elaine Arena, Citizen Representative

\*Those members neither present nor represented by proxy.

OTHERS PRESENT

Lorraine Borro-Ayers, Arizona Department  
of Environmental Quality  
Slone McFarland, Desert Hills Sanitary District  
Dick Bartholomew, Bartholomew Engineering,  
Inc.  
Terry Moore, Moore and Associates  
Engineering

Madeline Goddard, City of Phoenix  
Chuck Pedri, CH2M Hill  
Monique Chaisson, CH2M Hill  
Jack Watson, University of Arizona  
Cooperative Extension  
Dave DeChant, Malcolm Pirnie

1. Call to Order

A meeting of the MAG Water Quality Advisory Committee was conducted on Tuesday, November 10, 1998 at 2:00 p.m. Jim Kaylor, City of Glendale, Chairman announced that since a quorum was not yet present a discussion would begin with Agenda Item 3.

3. City of Glendale South Wastewater Treatment Facility

Chairman Kaylor indicated that Dave DeChant, Malcolm Pirnie, was present to give a presentation on the Glendale South Wastewater Treatment Plant to alleviate confusion that occurred since the facility has changed its name. Mr. DeChant indicated that the Southwest Water Reclamation Facility is listed as the South Water Reclamation Plant in the 1993 MAG 208 Water Quality Management Plan. The current plan for the facility is to have an initial capacity of 4.3 million gallons per day (mgd) and an ultimate capacity of 15 mgd.

The treatment processes include screening, grit removal, biological nutrient removal, clarification, coagulation, flocculation, filtration, UV disinfection and trim chlorination. Effluent uses include recharge for future recovery and reuse and direct nonpotable reuse. The completion of the facility is anticipated in November 2000.

Chairman Kaylor asked if there were any questions. No comments were provided.

1. Call to Order

At this point, a quorum had been reached. Chairman Kaylor called the meeting to order.

2. Approval of the September 8, 1998 Meeting Minutes

The Committee reviewed the minutes from the September 8, 1998 meeting. Eugene Jensen, Citizen Representative, moved and Bob Hollander, City of Phoenix, seconded and it was unanimously carried to approve the minutes from the September 8, 1998.

4. MAG 208 Water Quality Management Plan Small Plant Approval Process - Burger King Restaurant and Carioca Oil Property Interim Wastewater Treatment Facility

Dale Bodiya, Maricopa County Department of Environmental Services, indicated that the Maricopa County Planning Department and the Maricopa County Board of Supervisors have designated that no septic tanks are permitted in a designated area of the County. He also indicated that there is currently an effort to create a Sanitary District in the area. There are two businesses that are currently seeking to build an interim wastewater treatment facility until the Sanitary District is formed.

Terry Moore, Moore and Associates, gave a presentation on the proposed interim facility. He indicated that the proposed 0.015 million gallons per day (mgd) interim wastewater treatment plant is planned to service two businesses in an unincorporated area located along the Carefree Highway at 7<sup>th</sup> Street. Treated wastewater will be transferred proportionately to each respective property for disposal in leach trenches or seepage pits. The facility will be replaced once the Desert Hills Community Sanitary District is established, and the collection and treatment facilities are designed and constructed. The facility is within three miles of the Town of Cave Creek and the City of Phoenix. Both jurisdictions have no objections to the proposed facility.

Leonard Rivera, City of El Mirage, asked how long the temporary treatment facility would be utilized.

Mr. Moore indicated that the facility would be utilized until the Sanitary District is formed and has an operation facility.

Dick Bartholomew, Bartholomew Engineering, Inc., indicated that the anticipated date for the Sanitary District facility is June 1999.

Jacqueline Strong, City of Chandler, asked about the cost to join the Sanitary District.

Mr. Bartholomew indicated that the cost to join the District is based on the capacity needed by a business. He also indicated that all of the parties that signed the petition to form the district had six weeks to review the financial data.

Mr. Hollander asked if residential wastewater would be treated at the facility.

Mr. Moore indicated that no residential wastewater would be treated at the facility.

Chairman Kaylor indicated that the agenda item was for information, discussion and possible recommendation to the Management Committee for the approval of the facility as part of the MAG 208 Water Quality Management Plan. Mr. Hollander moved and Mr. Rivera seconded and it was unanimously passed that the proposed Burger King Restaurant and Carioca Oil Property Interim Wastewater Treatment Facility be recommended for approval as part of the MAG 208 Water Quality Management Plan.

5. Draft MAG 208 Water Quality Management Plan Amendment for the Cave Creek Water Reclamation Facility

Chuck Pedri, CH2M Hill, gave a presentation on the City of Phoenix Cave Creek Water Reclamation Facility. He indicated that the City of Phoenix is requesting that the MAG 208 Water Quality Management Plan be amended to include an expansion of the existing Cave Creek Water Reclamation Plant and a discharge from the facility to a tributary wash of Cave Creek. The facility is located east of Cave Creek Road and south of Pinnacle Peak Road. There are no other existing wastewater treatment facilities in the area.

The proposed expansion is for an ultimate capacity of 32 million gallons per day (mgd) at build out (2015). The sources of wastewater are both domestic and industrial. Treated wastewater will be disposed of through reuse for turf irrigation and discharged to the Cave Butte Dam Flood Pool via a tributary wash of Cave Creek. The facility will not treat any wastewater from the Sumitomo Sitix of Phoenix facility. The discharge pipeline corridor will follow Peak View Road which is a private access road.

The Flood Control District of Maricopa County is within three miles of the facility. The City and CH2M Hill have been working with several other agencies including the State Land Department,

Arizona Game and Fish and the Corps of Engineers to acquire the necessary land and permits for the facility.

The Water Reclamation Plant is an activated sludge facility. The treatment process will consist of screening, primary clarification, nitrification/denitrification, secondary clarification, filtration and ultraviolet disinfection. The effluent is pumped to a lined effluent storage reservoir. The sludge is transferred through a sewer pipeline to the City of Phoenix 91<sup>st</sup> Avenue Wastewater Treatment Facility for treatment and disposal.

Ms. Strong asked if the facility is located inside the Phoenix city limits.

Mr. Pedri indicated that the facility is within the City of Phoenix limits.

Bill Haney, City of Mesa, asked how the Flood Control District of Maricopa County regarded the project.

Madeline Goddard, City of Phoenix, indicated that at this time, the District has no objection to the conceptual design of the pipeline discharge. The City, however, must confirm that the District would be held harmless from any potential liability associated with the effluent discharge. District property is immediately downstream of the proposed pipeline outfall and several issues will require resolution by the City of Phoenix.

Chairman Kaylor indicated that this agenda item was for information, discussion and possible authorization to conduct a public hearing on the draft 208Plan amendment. Mr. Haney moved and Mr. Jensen seconded and it was unanimously passed that a public hearing be conducted on the Draft 208 Water Quality Management Plan Amendment for the City of Phoenix Cave Creek Water Reclamation Facility.

6. Call to the Public

An opportunity was provided to members of the public to address the Water Quality Advisory Committee. No comments were presented.

Mr. Haney asked about the potential for an update of the MAG 208 Water Quality Management Plan.

Ms. Dudley indicated that MAG staff could provide information on the process for updating the 208 Plan at the next meeting.

Chairman Kaylor requested that this information be provided at the next meeting.

The meeting was adjourned by Chairman Kaylor at 4:00 p.m.